



WEB TECHNOLOGIES

jQuery – Events and Effects

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jQuery – Events and Effects

The Action Part

Action	Example
DOM Manipulation	before(), after(), append(), appendTo()
Attributes	addClass(), css(), attr(), html(), val()
Events	click(), bind(), unbind(), live()
Effects	hide(), fadeOut(), toggle(), animate()
AJAX	load(), get(), ajax(), getJSON()

jQuery – Events

Event Methods



- Register an event handler for an element object passing a function reference to the event method

```
$(“span#message”).click(function(event){...});
```

OR

```
$(“span#message”).on(“click”, function(event) {...});
```

jQuery – Events

Manually triggering Event



- Like with attribute methods, the event methods have a different meaning without arguments
- Without the function reference argument, the event methods are treated like a manual firing of event

```
$("#span#message").click();
```

jQuery – Events

this and ready



- Special event to register for handler once the document has been loaded completely is ready

```
$(document).ready(function(){  
    ...  
});
```

- within any event handler function **this** element refers to the element for which the handler is called

```
$( "p" ).click(function() {  
    var htmlString = $( this ).html();  
    ...  
}
```

jQuery – Effects

Effect Methods

- Lot of animation/styling effects can be accomplished using the effects methods like hide, show, toggle, fadeIn, fadeout etc.

```
$(“a#show-cart”).click(function(){  
    $(“#cart”).slideToggle(“slow”);  
});
```

- Or, use the animate method to build custom animations

```
$(“#showdown”).click(function(){  
    $(“#my-div”).animate({  
        width: “70%”,  
        opacity: 0.4,  
        fontSize: “3em”  
    }, 1200 );  
});
```



THANK YOU

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